

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number  
**WO 2005/003138 A2**

(51) International Patent Classification<sup>7</sup>: **C07D 495/04**

H-1022 Budapest (HU). SZENT-KIRÁLLYI, Zsuzsanna  
[HU/HU]; Tuzlilom u. 51, H-1223 Budapest (HU).

(21) International Application Number:  
PCT/HU2004/000069

(74) Agent: ADVOPATENT OFFICE OF PATENT AND  
TRADEMARK ATTORNEYS; P.O. Box 11, H-1251  
Hungary (HU).

(22) International Filing Date: 30 June 2004 (30.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
P 0302029 2 July 2003 (02.07.2003) HU  
P 0401269 23 June 2004 (23.06.2004) HU

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(71) Applicant (for all designated States except US): EGIS  
GYÓGYSZERGYÁR RT. [HU/HU]; Keresztúri út 30-38,  
H-1106 Budapest (HU).

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

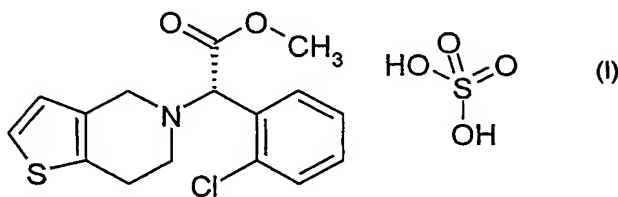
(75) Inventors/Applicants (for US only): KÓTAY NAGY,  
Péter [HU/HU]; Nagymezo u. 73, H-2600 Vác (HU).  
SIMIG, Gyula [HU/HU]; Hollósy S. u. 25, H-1126  
Budapest (HU). BARKÓCZY, József [HU/HU]; Szirom  
u. 4-6/B, H-1016 Budapest (HU). GREGOR, Tamás  
[HU/HU]; Vágóhíd u. 7, H-2141 Csömör (HU). FARKAS,  
Béla [HU/HU]; Stadion u. 2, H-8200 Veszprém (HU).  
VERECZKEYNÉ DONÁTH, Györgyi [HU/HU]; La-  
jos u. 49/b, H-1036 Budapest (HU). NAGY, Kálmán  
[HU/HU]; Turista u. 2/a, H-1025 Budapest (HU).  
KÖRTVÉLYESSY, Gyuláné [HU/HU]; Bimbó út 30,

Published:

— without international search report and to be republished  
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PREPARATION OF AMORPHOUS FORM OF A PLATELET AGGREGATION INHIBITOR  
DRUG



(57) Abstract: The present invention relates to a  
new method of preparation of the polymorph form  
1 of methyl (S)-(+)-(2-chlorophenyl)-2-(6,7-dihy-  
dro-4H-thieno[3,2-c]pyridine-5-yl)-acetate hydrogensulfate  
of the formula (I).

(19) World Intellectual Property  
Organization  
International Bureau



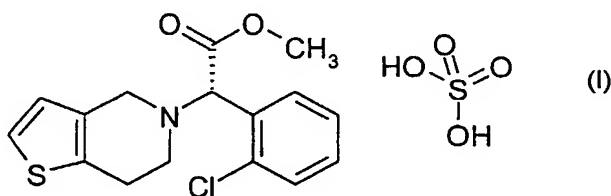
(43) International Publication Date  
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number  
**WO 2005/003138 A3**

- (51) International Patent Classification<sup>7</sup>: **C07D 495/04**,  
A61K 31/4365, A61P 7/02
- (21) International Application Number:  
PCT/HU2004/000069
- (22) International Filing Date: 30 June 2004 (30.06.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
P 0302029 2 July 2003 (02.07.2003) HU  
P 0401269 23 June 2004 (23.06.2004) HU
- (71) Applicant (for all designated States except US): **EGIS GYÓGYSZERGYÁR RT.** [HU/HU]; Keresztúri út 30-38, H-1106 Budapest (HU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **KÓTAY NAGY, Péter** [HU/HU]; Nagymező u. 73, H-2600 Vác (HU). **SIMIG, Gyula** [HU/HU]; Hollósy S. u. 25, H-1126 Budapest (HU). **BARKÓCZY, József** [HU/HU]; Szirom u. 4-6/B, H-1016 Budapest (HU). **GREGOR, Tamás** [HU/HU]; Vágóhíd u. 7, H-2141 Csömör (HU). **FARKAS, Béla** [HU/HU]; Stadion u. 2, H-8200 Veszprém (HU). **VERECZKEYNÉ DONÁTH, Györgyi** [HU/HU]; Lajos u. 49/b, H-1036 Budapest (HU). **NAGY, Kálmán** [HU/HU]; Turista u. 2/a, H-1025 Budapest (HU). **KÖRTVÉLYESSY, Gyuláné** [HU/HU]; Bimbó út 30, H-1022 Budapest (HU). **SZENT-KIRÁLLYI, Zsuzsanna** [HU/HU]; Tuzlilíom u. 51, H-1223 Budapest (HU).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report
- (88) Date of publication of the international search report:  
24 March 2005
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PREPARATION OF AMORPHOUS FORM OF A PLATELET AGGREGATION INHIBITOR DRUG



(57) Abstract: The present invention relates to a new method of preparation of the polymorph form 1 of methyl (S)-(+)-(2-chlorophenyl)-2-(6,7-dihydro-4H-thieno[3,2-c]pyridine-5-yl)-acetate hydrogensulfate of the formula (I).